

Environmental Protection Agency

Pt. 63, Subpt. G, Table 4

| Control device  | Parameters to be monitored <sup>a</sup>  | Recordkeeping and reporting requirements for monitored parameters   |
|---|--|---|
| Scrubber for halogenated vent streams (Note: Controlled by a combustion device other than a flare) (Continued). | Scrubber liquid and gas flow rates [63.114(a)(4)(ii)].   | <ol style="list-style-type: none"> <li>1. Continuous records of scrubber liquid flow rate.</li> <li>2. Record and report the scrubber liquid/gas ratio averaged over the full period of the performance test—NCS.</li> <li>3. Record the daily average scrubber liquid/gas ratio for each operating day.<sup>e</sup></li> <li>4. Report all daily average scrubber liquid/gas ratios that are outside the range established in the NCS or operating permit and all operating days when insufficient monitoring data are collected<sup>f</sup>—PR.</li> </ol>  |
| All control devices .....   | Presence of flow diverted to the atmosphere from the control device [63.114(d)(1)] <i>or</i> .<br>Monthly inspections of sealed valves [63.114(d)(2)]. | <ol style="list-style-type: none"> <li>1. Hourly records of whether the flow indicator was operating and whether diversion was detected at any time during each hour.</li> <li>2. Record and report the times and durations of all periods when the vent stream is diverted through a bypass line or the monitor is not operating—PR.</li> <li>1. Records that monthly inspections were performed.</li> <li>2. Record and report all monthly inspections that show the valves are moved to the diverting position or the seal has been changed—PR.</li> </ol> |

<sup>a</sup>Regulatory citations are listed in brackets.  
<sup>b</sup>Monitor may be installed in the firebox or in the ductwork immediately downstream of the firebox before any substantial heat exchange is encountered.  
<sup>c</sup>“Continuous records” is defined in § 63.111 of this subpart.  
<sup>d</sup>NCS=Notification of Compliance Status described in § 63.152 of this subpart.  
<sup>e</sup>The daily average is the average of all recorded parameter values for the operating day. If all recorded values during an operating day are within the range established in the NCS or operating permit, a statement to this effect can be recorded instead of the daily average.  
<sup>f</sup>The periodic reports shall include the duration of periods when monitoring data is not collected for each excursion as defined in § 63.152(c)(2)(ii)(A) of this subpart.  
<sup>g</sup>PR=Periodic Reports described in § 63.152 of this subpart.

TABLE 4 TO SUBPART G OF PART 63—PROCESS VENTS—MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS FOR MAINTAINING A TRE INDEX VALUE >1.0 AND ≤4.0

| Final recovery device              | Parameters to be monitored <sup>a</sup>   | Recordkeeping and reporting requirements for monitored parameters   |
|------------------------------------|---|---|
| Absorber <sup>b</sup> .....        | Exit temperature of the absorbing liquid [63.114(b)(1)], and.<br><br>Exit specific gravity [63.114(b)(1)]   | <ol style="list-style-type: none"> <li>1. Continuous records<sup>c</sup>.</li> <li>2. Record and report the exit temperature of the absorbing liquid averaged over the full period of the TRE determination—NCS<sup>d</sup>.</li> <li>3. Record the daily average exit temperature of the absorbing liquid for each operating day<sup>e</sup>.</li> <li>4. Report all the daily average exit temperatures of the absorbing liquid that are outside the range established in the NCS or operating permit—PR<sup>f</sup>.</li> </ol>  |
| Condenser <sup>d</sup> .....       | Exit (product side) temperature [63.114(b)(2)].   | <ol style="list-style-type: none"> <li>1. Continuous records.</li> <li>2. Record and report the exit temperature averaged over the full period of the TRE determination—NCS.</li> <li>3. Record the daily average exit temperature for each operating day<sup>e</sup>.</li> <li>4. Report all daily average exit temperatures that are outside the range established in the NCS or operating permit—PR.</li> </ol>  |
| Carbon adsorber <sup>d</sup> ..... | Total regeneration stream mass or volumetric flow during carbon bed regeneration cycle(s) [63.114(b)(3)], and.<br><br>Temperature of the carbon bed after regeneration [and within 15 minutes of completing any cooling cycle(s)] [63.114(b)(3)]. | <ol style="list-style-type: none"> <li>1. Record of total regeneration stream mass or volumetric flow for each carbon bed regeneration cycle.</li> <li>2. Record and report the total regeneration stream mass or volumetric flow during each carbon bed regeneration cycle during the period of the TRE determination—NCS.</li> <li>3. Report all carbon bed regeneration cycles when the total regeneration stream mass or volumetric flow is outside the range established in the NCS or operating permit—PR.</li> <li>1. Records of the temperature of the carbon bed after each regeneration.</li> <li>2. Record and report the temperature of the carbon bed after each regeneration during the period of the TRE determination—NCS.</li> </ol> |

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| Final recovery device                                  | Parameters to be monitored <sup>a</sup>   | Recordkeeping and reporting requirements for monitored parameters   |
|--|---|---|
| All recovery devices (as an alternative to the above). | Concentration level or reading indicated by an organic monitoring device at the outlet of the recovery device [63.114 (b)]. | 3. Report all carbon bed regeneration cycles during which temperature of the carbon bed after regeneration is outside the range established in the NCS or operating permit—PR.<br>1. Continuous records.<br>2. Record and report the concentration level or reading averaged over the full period of the TRE determination—NCS.<br><br>3. Record the daily average concentration level or reading for each operating day <sup>e</sup> .<br>4. Report all daily average concentration levels or readings that are outside the range established in the NCS or operating permit—PR. |

<sup>a</sup>Regulatory citations are listed in brackets.  
<sup>b</sup>Alternatively, these devices may comply with the organic monitoring device provisions listed at the end of this table under "All Recovery Devices."  
<sup>c</sup>"Continuous records" is defined in §63.111 of this subpart.  
<sup>d</sup>NCS = Notification of Compliance Status described in §63.152 of this subpart.  
<sup>e</sup>The daily average is the average of all values recorded during the operating day. If all recorded values during an operating day are within the range established in the NCS or operating permit, a statement to this effect can be recorded instead of the daily average.  
<sup>f</sup>PR= Periodic Reports described in §63.152 of this subpart.

TABLE 5 TO SUBPART G OF PART 63—GROUP 1 STORAGE VESSELS AT EXISTING SOURCES

| Vessel capacity (cubic meters) | Vapor Pressure <sup>1</sup> (kilopascals) | Vessel capacity (cubic meters) | Vapor Pressure <sup>1</sup> (kilopascals) |
|--------------------------------|---|--------------------------------|---|
| 75 ≤ capacity <151 .....       | ≥13.1                                     | 151 ≤ capacity .....           | ≥5.2                                      |

<sup>1</sup>Maximum true vapor pressure of total organic HAP at storage temperature.

TABLE 6 TO SUBPART G OF PART 63—GROUP 1 STORAGE VESSELS AT NEW SOURCES

| Vessel capacity (cubic meters) | Vapor pressure <sup>a</sup> (kilopascals) | Vessel capacity (cubic meters) | Vapor pressure <sup>a</sup> (kilopascals) |
|--------------------------------|---|--------------------------------|---|
| 38 ≤ capacity <151 .....       | ≥13.1                                     | 151 ≤ capacity .....           | ≥0.7                                      |

<sup>a</sup>Maximum true vapor pressure of total organic HAP at storage temperature.

TABLE 7 TO SUBPART G OF PART 63—TRANSFER OPERATIONS—MONITORING, RECORD-KEEPING, AND REPORTING REQUIREMENTS FOR COMPLYING WITH 98 WEIGHT-PERCENT REDUCTION OF TOTAL ORGANIC HAZARDOUS AIR POLLUTANTS EMISSIONS OR A LIMIT OF 20 PARTS PER MILLION BY VOLUME

| Control device              | Parameters to be monitored <sup>a</sup>                                     | Recordkeeping and reporting requirements for monitored parameters   |
|-----------------------------|---|---|
| Thermal incinerator .....   | Firebox temperature <sup>b</sup> [63.127(a)(1)(i)].                         | 1. Continuous records <sup>c</sup> during loading.<br>2. Record and report the firebox temperature averaged over the full period of the performance test—NCS. <sup>d</sup><br>3. Record the daily average firebox temperature for each operating day <sup>e</sup> .<br>4. Report daily average temperatures that are outside the range established in the NCS or operating permit and all operating days when insufficient monitoring data are collected <sup>f</sup> —PR <sup>g</sup>          |
| Catalytic incinerator ..... | Temperature upstream and downstream of the catalyst bed [63.127(a)(1)(ii)]. | 1. Continuous records during loading.<br>2. Record and report the upstream and downstream temperatures and the temperature difference across the catalyst bed averaged over the full period of the performance test—NCS.<br>3. Record the daily average upstream temperature and temperature difference across catalyst bed for each operating day. <sup>e</sup><br>4. Report all daily average upstream temperatures that are outside the range established in the NCS or operating permit—PR. |